

OIPE
MAY 10 2004
PATENT & TRADEMARK OFFICE

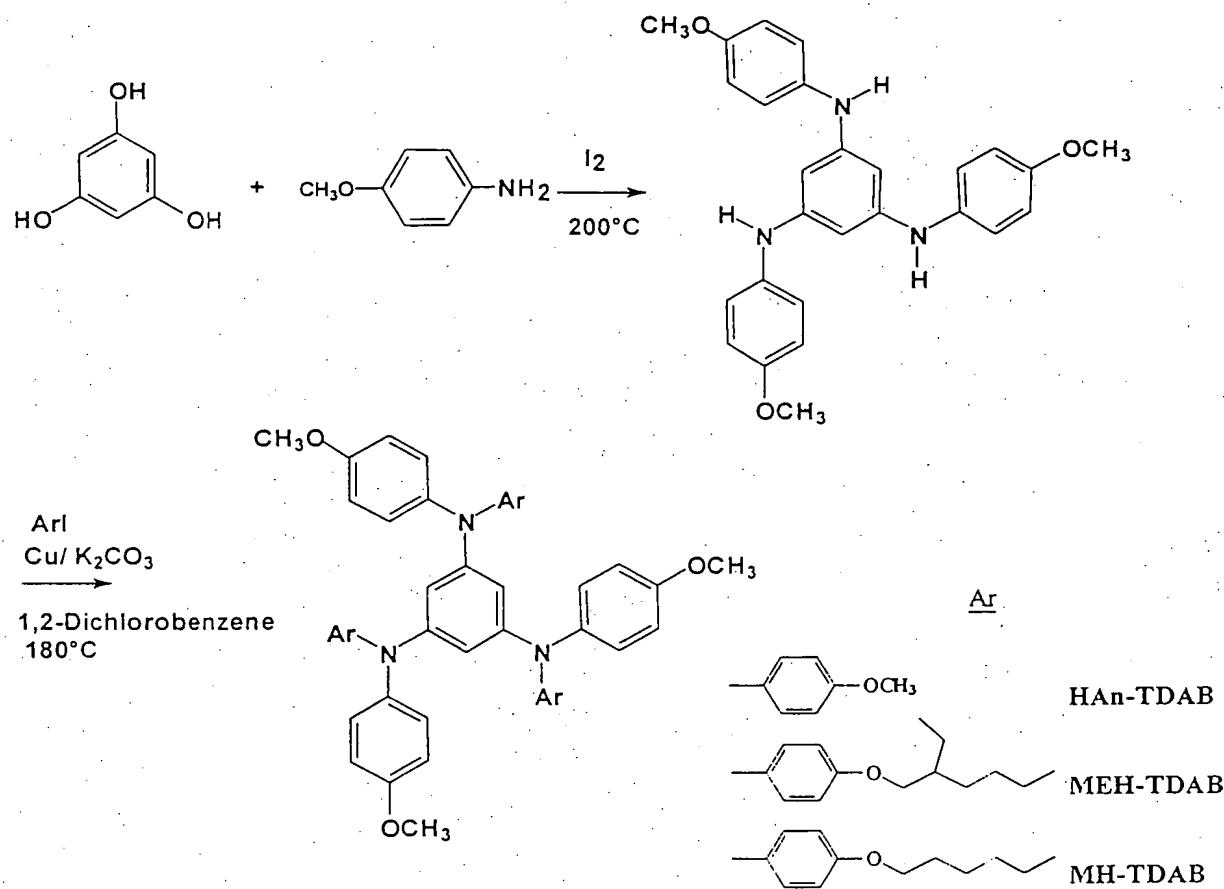
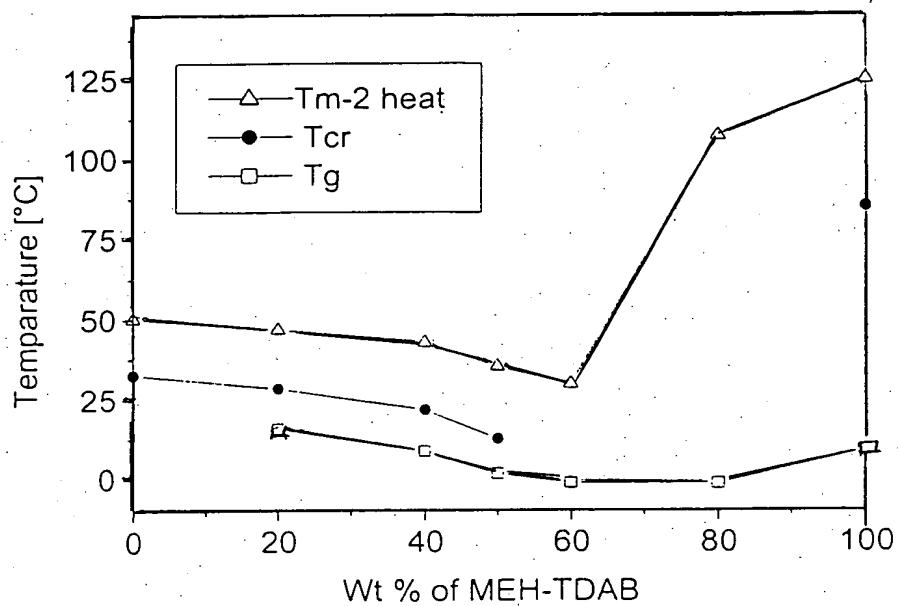


Fig. 1

a)



b)

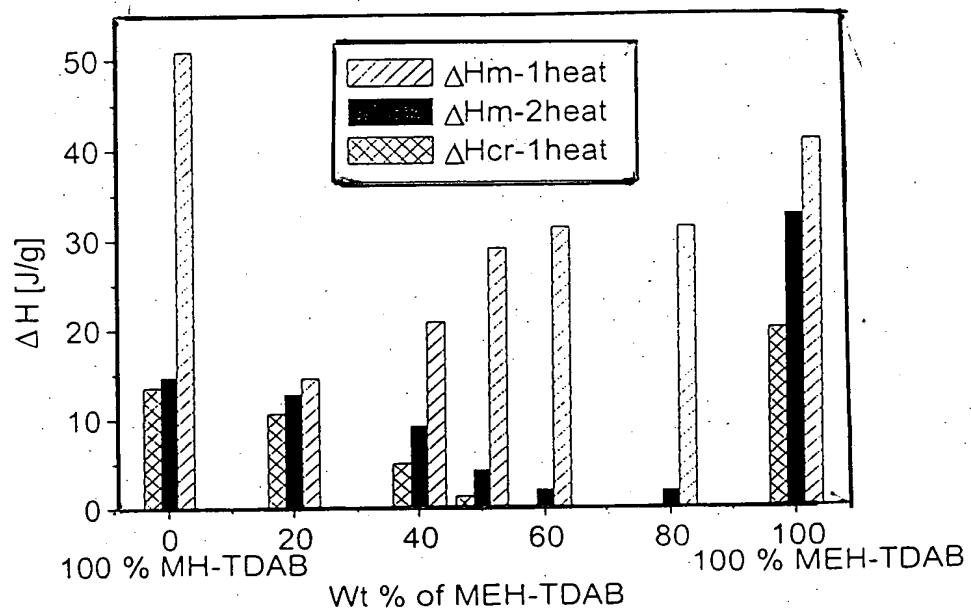


Fig. 2

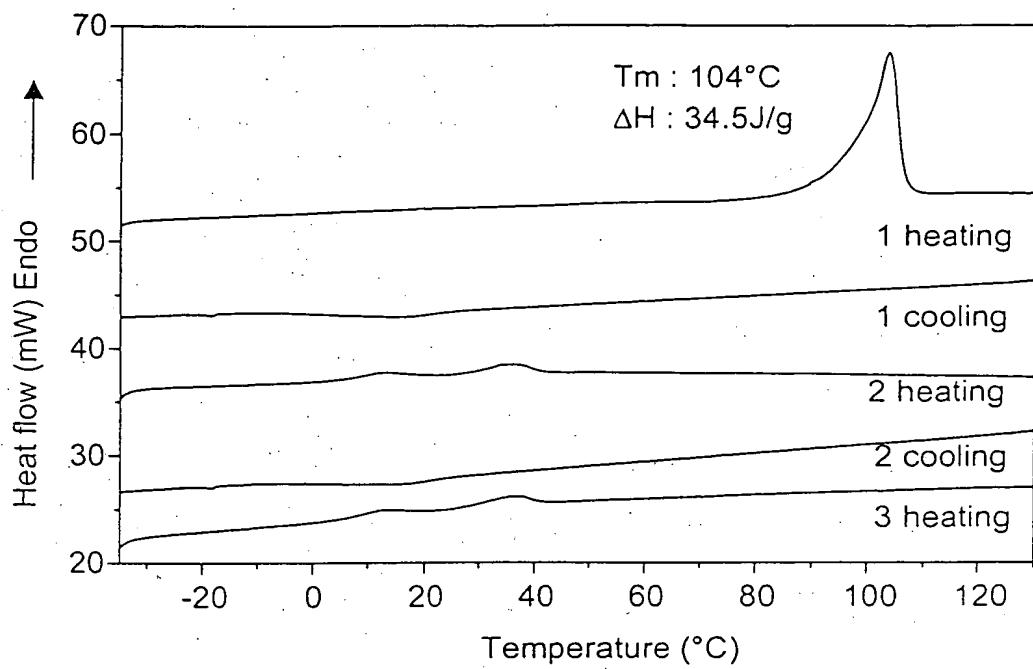


Fig. 3

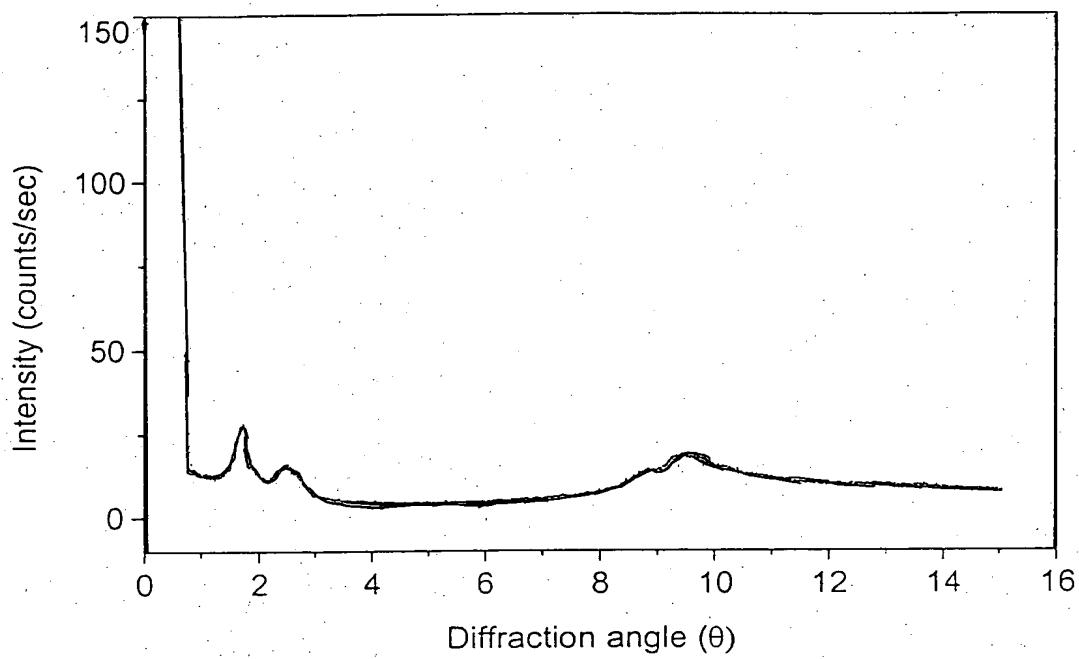


Fig. 4

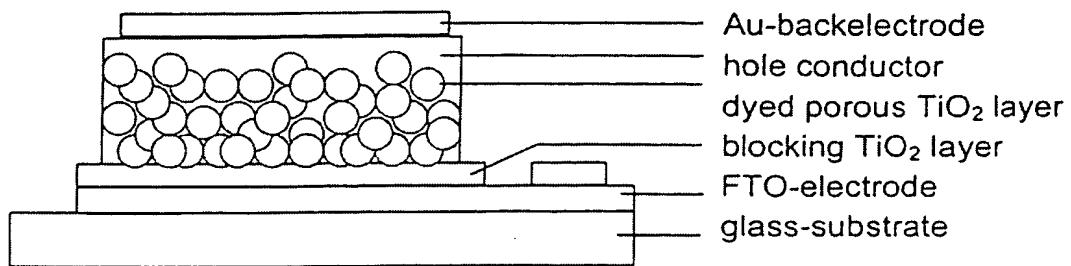


Fig. 5

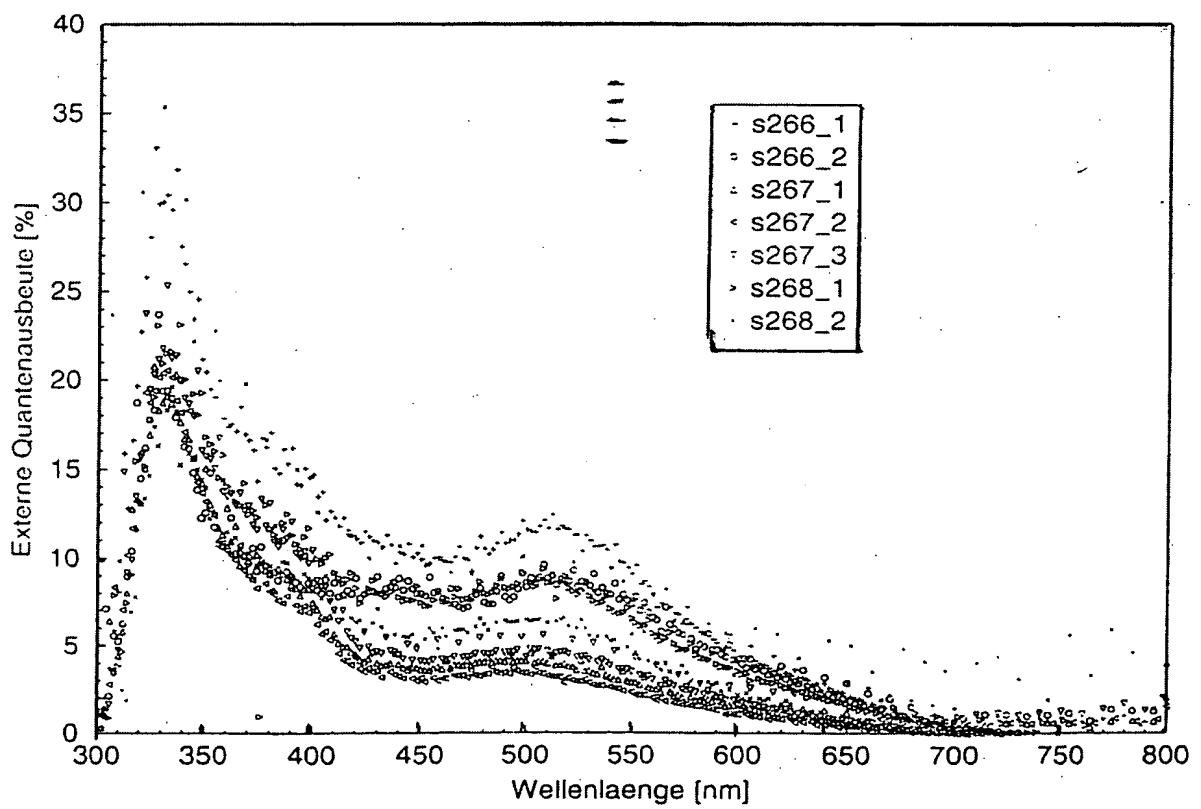


Fig. 7

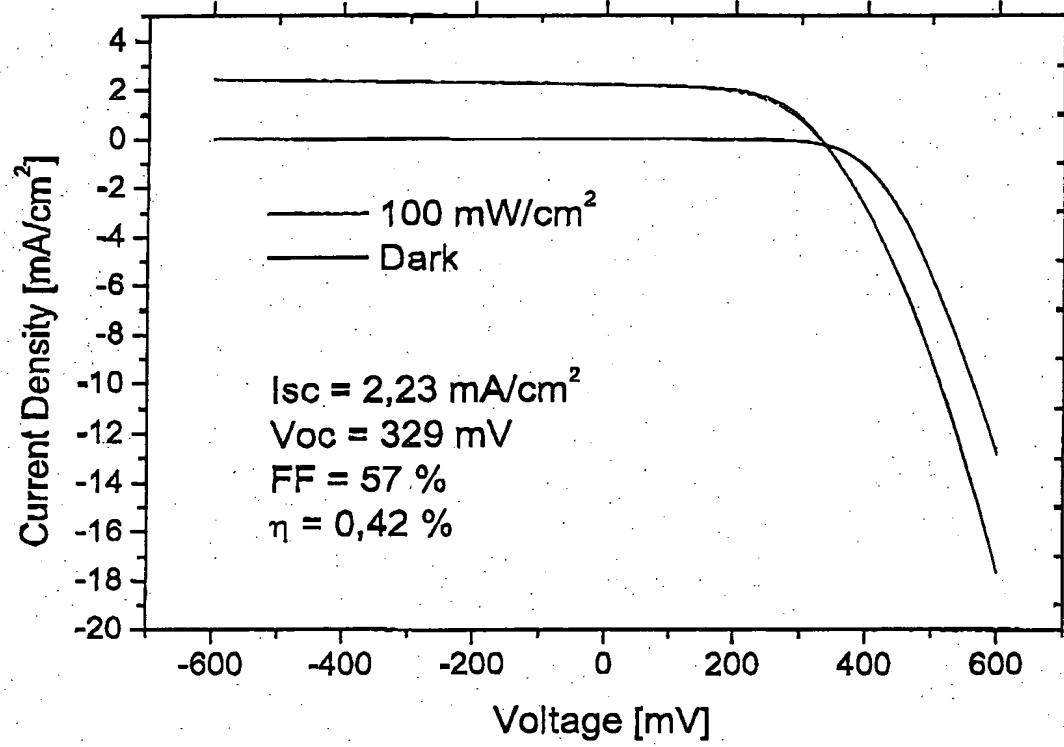


Fig. 6

BEST AVAILABLE COPY

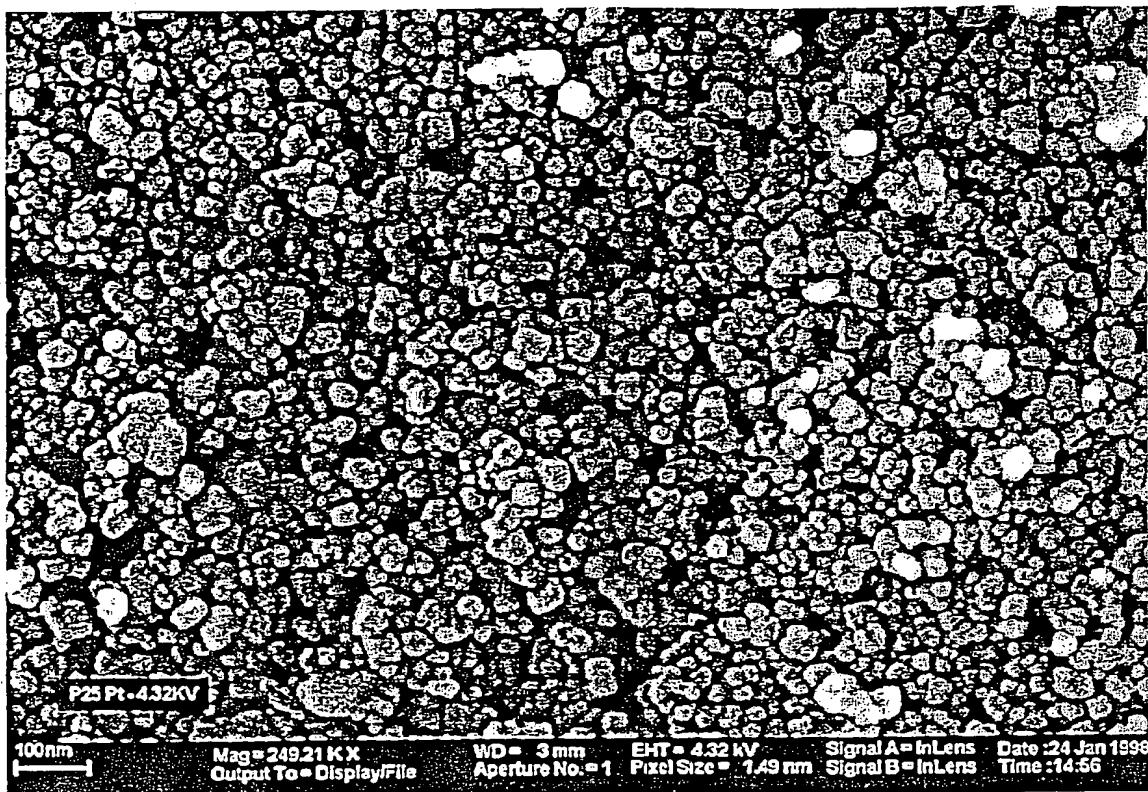


Fig. 8

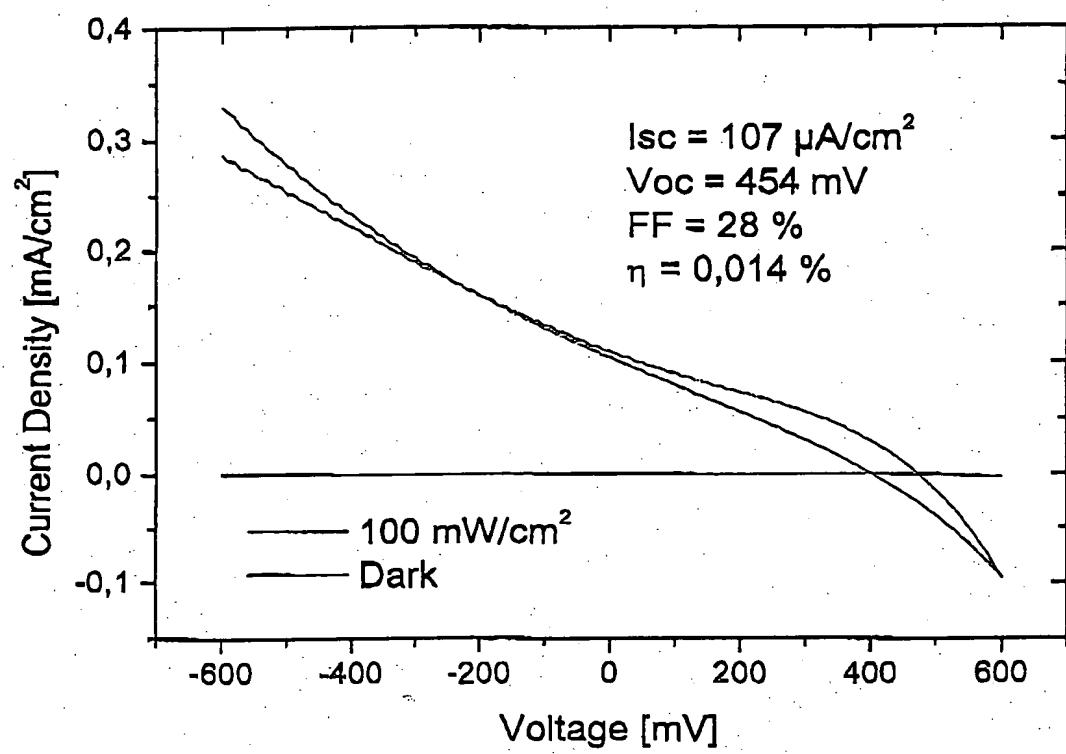


Fig. 9

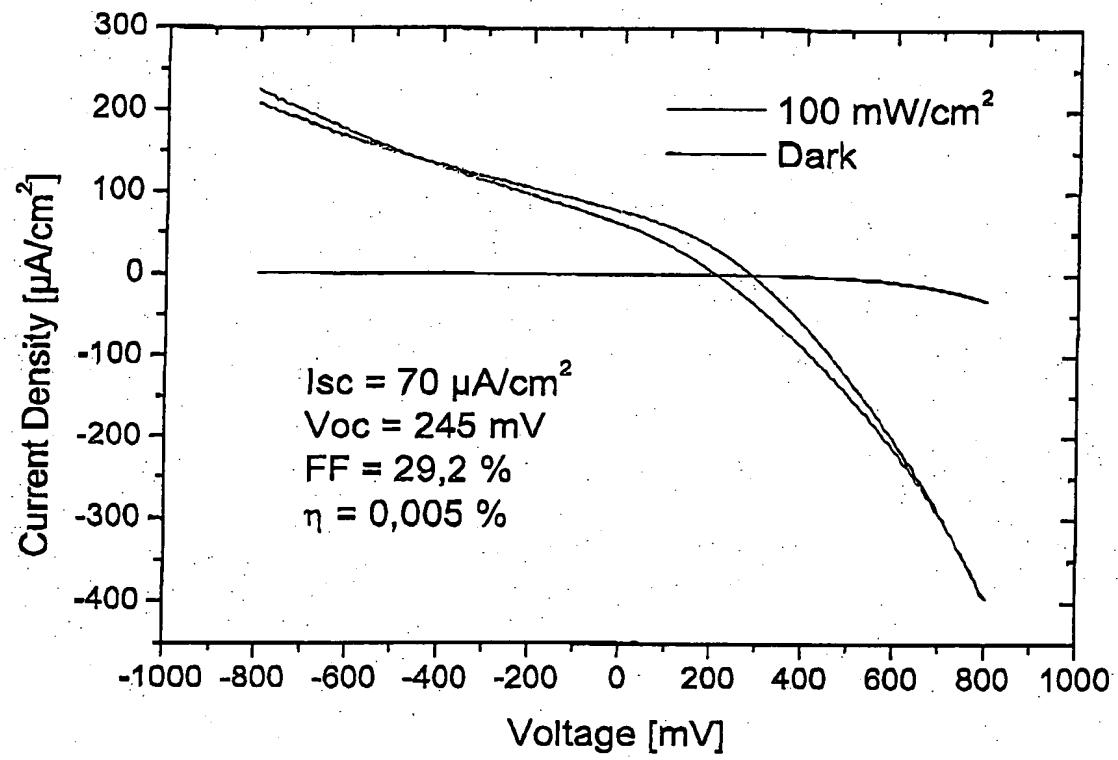
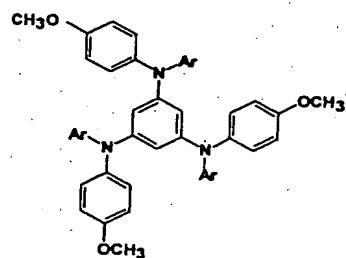
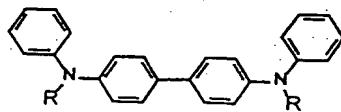


Fig. 10



Compound	T_g [°C]	T_{cr} [°C]	HOMO [eV]
	-	130	-4.98
	54	-	-5.07
	85	135	-5.11
	88	-	-5.13
	123	-	-5.07

Fig. 11



Compound		DSC ^{a)}	CV	
R		T _g [°C]	T _m [°C]	HOMO [eV]
		70	228 ^{b)}	-5.15
		60	176	-5.13
		56	153 ^{b)}	-5.06
		80	176 ^{c)}	-5.12
		85	- ^{d)}	-
		85	270 ^{c)}	-5.10
		139	276	-5.17

a) heating and cooling rate: 10K/min
 b) C. Adachi, K. Nagai, N. Tamoto, Appl. Phys. Lett. 66, 2679, (1995)
 c) T_m observed only in first heating d) no T_m observed up to 300°C

Fig. 12